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PTO/SB/21 (6-98)

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/052,386
		Filing Date	January 18, 2002
		First Named Inventor	SAKSENA, et al
		Group Art Unit	1653
		Examiner Name	TO BE ASSIGNED
Total Number of Pages in This Submission	118	Attorney Docket Number	IN01159K1

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) Corrected Filing Receipt Executed Declarations Notice to File Missing Parts Copy of Notice to File Missing Parts Return Post Card
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT, K-6-1-1990 PALAIYUR S. KALYANARAMAN REG. NO. 34634
Signature	
Date	May 8, 2002

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: May 8, 2002	
Typed or printed name	PALAIYUR S. KALYANARAMAN
Signature	
Date	May 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

MAY 20 2002

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	10/052,386
Filing Date	January 18, 2002
First Named Inventor	SAKSENA, et al
Examiner Name	TO BE ASSIGNED
Group Art Unit	1653
Attorney Docket No.	IN01159K1

TOTAL AMOUNT OF PAYMENT (\$ ) 130.00

**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 19-0365
- Deposit Account Name Schering-Plough Corporation
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

**SUBTOTAL (1) (\$ )**

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$ )**

\*\*or number previously paid, if greater; For Reissues, see above

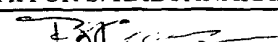
**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	\$130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$ ) 130.00**

**SUBMITTED BY**

Name (Print/Type)	PALAIYUR S. KALYANARAMAN	Registration No. (Attorney/Agent)	34634	Telephone	(908)298-5068
Signature		Date	May 8, 2002		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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PATENT IN01159K1

**UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Saksena *et al* ) Examiner: To Be Assigned  
Application No.: 10/052,386 ) Group Art Unit: 1653  
Filed: January 18, 2002 )  
For: )  
**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C  
VIRUS**

Assistant Commissioner For Patents

Attention: Customer Service Center- Initial Patent Examination Division  
Washington, D.C. 20231

**MISSING PARTS AND CORRECTION OF FILING RECEIPT**

Sir:

The subject non-provisional patent application, Serial No. 10/052,386 was filed on January 18, 2002. At the time of filing, the signed Declaration/Power of Attorney from the inventors was missing. Applicants are now filing the Declaration and Power of Attorney signed by the inventors. A copy of the "Notice to File Missing Parts of Non-Provisional Application" is attached. The Office is authorized to charge the \$ 130.00 fee to Account Number 19-0365.

Furthermore, the Filing Receipt received in this case needs to be corrected for the following mistake:

The last name of inventor Lim-Wilby should be corrected. (The "w" of "wilby" should be capitalized.) A copy of the filing receipt with the correction marked thereon is attached.

Please send us a corrected filing receipt.

If there are any questions, the Office is invited to contact the undersigned.

May 8, 2002  
Schering-Plough Corporation  
2000 Galloping Hill Road  
Patent Department, K-6-1, 1990  
Kenilworth, NJ 07033  
Tel: (908) 298-5068  
Fax: (908) 298-5388

Respectfully submitted,



---

Dr. Palaiyur S. Kalyanaraman  
Attorney for Applicants  
Reg. No. 34,634

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on May 8, 2002.

5/8/2002  
Date of Deposit

PALAIYUR S. KALYANARAMAN  
Registered Representative

[Signature]  
Signature

5/8/2002  
Date of Signature

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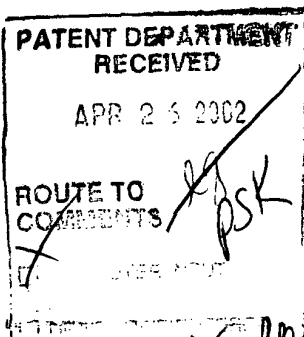
UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 20 2002

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/052,386	01/18/2002	Anil K. Saxena	IN01159K1

24265  
SCHERING-PLOUGH CORPORATION  
PATENT DEPARTMENT (K-6-1, 1990)  
2000 GALLOPING HILL ROAD  
KENILWORTH, NJ 07033-0530



CONFIRMATION NO. 5995

FORMALITIES LETTER



\*OC000000007922848\*

Date Mailed: 04/22/2002

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**Items Required To Avoid Processing Delays:**

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

*A copy of this notice **MUST** be returned with the reply.*

*Ahmad*

05/22/2002 140001 00000096 190365 10052386  
01 FC:105 130.00 CH

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



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Page 1 of 3

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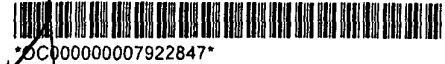
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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/052,386	01/18/2002	1653	2576	IN01159K		66	15

24265  
SCHERING-PLOUGH CORPORATION  
PATENT DEPARTMENT (K-6-1, 1990)  
2000 GALLOPING HILL ROAD  
KENILWORTH, NJ 07033-0530

PATENT DEPARTMENT  
RECEIVED  
APR 26 2002  
FILING RECEIPT  
ROUTE TO  
COMMENTS  
☒ COMPUTER INPUT  
☐ BZA  
☐ CHECK NOTE ENTERED  
COMPLETED BY

CONFIRMATION NO. 5995



\*0C00000007922847\*

Date Mailed: 04/22/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

- ✓ Anil K. Saksena, Upper Montclair, NJ;
- ✓ Viyyoor Moopil Girijavallabhan, Parsippany, NJ;
- ✓ Raymond G. Lovey, West Caldwell, NJ;
- ✓ Edwin Jao, Warren, NJ;
- ✓ Frank Bennett, Piscataway, NJ;
- ✓ Jinping L. Mc Cormick, Edison, NJ;
- ✓ Haiyan Wang, Cranbury, NJ;
- ✓ Russell E. Pike, Stanhope, NJ;
- ✓ Stephane L. Bogen, Somerset, NJ;
- ✓ Tin-Yau Chan, Edison, NJ;
- ✓ Yi-Tsung Liu, Morris Township, NJ;
- ✓ Zhaoning Zhu, East Windsor, NJ;
- ✓ F. George Njoroge, Warren, NJ;
- ✓ Ashok Arasappan, Bridgewater, NJ;
- ✓ Tejal Parekh, Mountain View, CA;
- ✓ Ashit K. Ganguly, Upper Montclair, NJ;
- ✓ Kevin X. Chen, Iselin, NJ;
- ✓ Srikanth Venkatraman, Woodbridge, NJ;
- ✓ Henry A. Vaccaro, South Plainfield, NJ;
- ✓ Patrick A. Pinto, Morris Plains, NJ;
- ✓ Bama Santhanam, Bridgewater, NJ;
- ✓ Scott Jeffrey Kemp, San Diego, CA;
- ✓ Odile Esther Levy, San Diego, CA;
- ✓ Marguerita Lim-wilby, La Jolla, CA;
- ✓ Susan Y. Tamura, Santa Fe, NM;
- ✓ Wanli Wu, Edison, NJ;
- ✓ Siska Hendrata, Edison, NJ;
- ✓ Yuhua Huang, Scotch Plains, NJ;

Missing Parts  
Due: June 22, 2002  
(Declaration)

Lim-wilby

✓ Jesse K. Wong, Monroe Township, NJ; ✓  
✓ Latha G. Nair, Scotch Plains, NJ; ✓

**Assignment For Published Patent Application**

Schering Corporation Corvas International, Ltd.;

**Domestic Priority data as claimed by applicant** ✓

THIS APPLICATION IS A CIP OF 09/908,955 07/19/2001

**Foreign Applications**

**If Required, Foreign Filing License Granted** 04/05/2002

**Projected Publication Date:** To Be Determined - pending completion of Missing Parts

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Novel peptides as NS3-serine protease inhibitors of hepatitis C virus ✓

**Preliminary Class**

514

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**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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